

**“Attitude of senior secondary school students towards innovations of modern educational technology”. A case study.**

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**Abstract**

Throughout the world, there is awareness of the fundamental role of the new innovations of modern educational technology in the field of education. The availability of innovations of modern educational technology (internet, interactive whiteboard, E-books, Blog, web. 2.0 tools etc) in Indian market is increasing, yet the fact is the use of such tools in the classroom to be low. The purpose of this study was to examine students' attitudes towards the innovations of modern educational technology in their teaching learning process. The study also investigates the role of these tools at the present in Kashmiri schools. The data for the study were collected through the use of quantitative method. The data was collected through the self-constructed questionnaire by the investigator, and was distributed to 200 students of senior secondary schools of Kashmir. The findings of the study, which were obtained by analyzing the data collected from the students, revealed that, there is almost no role of innovations of modern educational technology at present, but the students hold a positive attitude towards these innovations of modern educational technology.

***Key words: Attitude, senior Secondary School students, Innovations, Educational technology,***

**Introduction**

The system of imparting education and learning is changing with changing times. Modern science and technology is being used in each and every field in today's world. The modern education system is also imbibing the use of modern technology in order to make the system far more convenient and reachable to the mass. We all are aware of the need of proper education so as to enjoy a secure future. Education also helps us in becoming a better and refined person as well.

To make the education system more in tune with the times it is necessary to incorporate the right methods into the system. Modern technology should be used to the utmost to make the system easy. The

internet has already enhanced the education and learning processes. There was a time when had no access to study materials outside their textbooks. Since getting hold of reference materials, students had to search for books for a long time or had to get a membership in a library which may or may not be near their homes. However, the internet has made information gathering an extremely easy task.

Students can now easily access and know the various developments taking place in their area of interest at the simple click of a button. Getting reference materials is not meant for only a few students. Now everyone can search and find reference materials in cyberspace and can use them in a more personalized way. The computer has now become part of the school curriculum and nowadays even small kids know how to make a presentation using particular software. The constant use of technology in their school life is helping them in knowing the various nuances in a more definitive manner. They can use all these techniques and learning in their future workplaces. The technological methods also help the students in understanding and grasping.

### **Objectives**

1. Evaluate the role of Modern Educational Technology at senior secondary level in Kashmir at present.
2. Determine the possibility of implementation of Modern Educational Technology at senior secondary level in Kashmir.
3. To identify the status of the provisions of e-learning in Kashmir at senior secondary level.
4. To identify the training needs of senior secondary level teachers in facilitating learning through modern technology.
5. To highlight the effectiveness of Modern Educational Technology for administration at senior secondary level in Kashmir.
6. To assess the impact modern educational technology on professional development in teachers and principals at senior secondary level in Kashmir.

### **Sample**

For the present study 200 senior secondary school students were selected randomly from various senior secondary schools in Kashmir province.

### **Tool used**

A self constructed questionnaire was used in this study, namely Questionnaire for assessment of attitude of senior secondary school students towards the use of Modern educational technology.

### **Statistical Treatment.**

The descriptive statistics was used in summing the data included frequency percentages.

### **Analysis and interpretation**

In order to achieve the objectives formulated for the present study, the data collected has been tabulated as under:-

**Table 5.1.1: Showing the percentage of students towards the role of modern educational technology at senior secondary level in Kashmir at present:**

	<b>Students</b>
<b>Description</b>	<b>Percentage</b>
Excellent	3.5
Good	14.5
Average	18.5
Poor	58
Very poor	5.5
Total	100

A perusal of the above table shows the percentage of students of senior secondary schools of Kashmir province falling in different levels so far as the role of innovations of modern educational technology is concerned. The table reveals that only 3.5% of students fall in excellent category which shows the role of innovations of modern educational technology at secondary level. The table also depicts that 14.5% of students fall in the category of good. Also 18.5% of students fall in average category respectively. It has been also observed that 58% of students show poor response towards the role of innovations of modern educational technology at secondary school level in Kashmir province. It has been also found that 5.5% of students at senior secondary school level fall in the category of very poor towards the role of innovations of modern educational technology at secondary level in Kashmir province.

**Table 5.1.2: Showing the attitude of students towards the possibility of implementation of modern educational technology at secondary level in Kashmir.**

	<b>Students</b>
<b>Description</b>	<b>Percentage</b>
Excellent	40
Good	49.5

Average	9
Poor	1.5
Very poor	0
Total	100

The above table depicts the percentage of students of senior secondary schools in Kashmir province, falling in different levels so far as the role of innovations of modern educational technology is concerned. The table reveals that 40% of students fall in excellent category which shows the attitude towards the possibility of implementation of modern educational technology at secondary level. The table also depicts that 49.5% of students fall in the category of good. Also 9% of students fall in average category respectively. It has been also observed that 1.5% of students show poor response towards the possibility of modern educational technology at secondary school level in Kashmir province. It has been also found that 0% of students at senior secondary school level fall in the category of very poor towards the attitude towards the possibility of implementation of modern educational technology in both rural and urban areas of Kashmir at secondary level.

**Table 5.1.3: Showing the attitude of students towards the provision of modern educational technology at secondary level in Kashmir.**

	<b>Students</b>
<b>Description</b>	<b>Percentage</b>
Excellent	57
Good	41
Average	2
Poor	0
Very poor	0
Total	100

The above table depicts the percentage of students of senior secondary schools of Kashmir province, falling in different levels so far as the role of innovations of modern educational technology is concerned. The table reveals that 57% of students fall in excellent category which shows the attitude towards the provision of modern educational technology at secondary level. The table also reveals that 41% of students fall in the category of good. The table also depicts that 13% of students fall in average category respectively. It has been also observed that 1% of students shows poor response towards

provision of modern educational technology in rural and urban areas of Kashmir at secondary school level in Kashmir province. It has been also found 0% of students in senior secondary school level fall in the category of very poor towards provision of modern educational technology at secondary school level in Kashmir province.

**Table 5.1.4: Showing the percentage of students towards need of training of modern educational technology at secondary level in Kashmir at present:**

	Students
Description	Percentage
Excellent	69.5
Good	30
Average	0.5
Poor	0
Very poor	0
Total	100

The above table depicts the percentage of students of senior secondary schools of Kashmir province, falling in different levels so far as the role of innovations of modern educational technology is concerned. The table reveals that 69.5% of students fall in excellent category which shows the need of training of modern educational technology at secondary level. The table also depicts that 30% of students fall in the category of good. Also 0.5% of students fall in average category respectively. It has been also observed that 0% of students shows poor response towards the need of training of modern educational technology at secondary school level in Kashmir province. It has been also found that 0% of students at senior secondary school level fall in the category of very poor towards the need of training of modern educational technology at secondary level in Kashmir province.

**Table 5.1.5: Showing the percentage of students towards modern educational technology for administration at secondary level in Kashmir at present.**

	Students
Description	Percentage
Excellent	64%
Good	35%
Average	1%

Poor	0%
Very poor	0%
Total	100%

The above table reveals the percentage of students of senior secondary schools of Kashmir province, falling in different levels so far as the role of innovations of modern educational technology is concerned. The table shows that 64% of students fall in excellent category which shows the need of modern educational for administration at secondary level. The perusal of above table also depicts that 35% of students fall in the category of good. The table also reveals that only 1% of students fall in average category respectively. It has been also observed that 0% of students shows poor response towards the need of modern educational technology for administration at secondary school level in Kashmir province. The table also shows that 0% of students at senior secondary school level fall in the category of very poor towards the need of modern educational technology at secondary level in Kashmir province.

**Table 5.1.6: Showing the percentage of students towards the impact of modern educational technology at secondary level in Kashmir at present:**

	Students
Description	Percentage
Excellent	64.5
Good	34.5
Average	1
Poor	0
Very poor	0
Total	100

The above table depicts the percentage of students of senior secondary schools of Kashmir province, falling in different levels so far as the role of innovations of modern educational technology is concerned. The table reveals that 64.5% of students fall in excellent category which shows the impact of modern educational technology on professional development at secondary level. The table also reveals that 34.5% of students fall in the category of good. The table also depicts that 1% of students fall in average category respectively. It has been also observed that 0% of students show poor response towards the impact of modern educational technology on professional development at secondary school level in Kashmir province. It has been also found that 0% of students at senior secondary school level fall in the

category of very poor towards the impact of modern educational technology on professional development at secondary level in Kashmir province.

### **Major Findings**

1. So far as the percentage of students of senior secondary schools of Kashmir province towards the role of innovations of modern educational technology at present is concerned, it has been found that more than 65% of teachers are showing that there is almost no role of innovations of modern educational technology in senior secondary schools in Kashmir.
2. Regarding the percentage level of students of the senior secondary level of Kashmir, a majority of the students are showing positive attitude views 98%, towards the possibility of implementing innovations of modern educational technology at senior secondary level in Kashmir.
3. So far as the percentage of students about the provision of modern educational technology is concerned, 100% of teachers shows a positive attitude towards the provision of modern educational technology in Kashmir at senior secondary level
4. Regarding the percentage of students of senior secondary school towards the need of training of modern educational technology 100% of students are showing a positive attitude towards the need of training of modern educational technology
5. The percentage of students of senior secondary school towards the innovations of modern educational technology for administration at senior secondary school in Kashmir 100% of sample subjects have a positive attitude towards the use of innovations of modern educational technology for administration purposes at senior secondary level in Kashmir.
6. Regarding the impact of modern educational technology at senior secondary level is concerned all the students show a positive attitude towards its positive impact on education at senior secondary level in Kashmir.

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